

Albania - ZA Some more details on the Hungarian

DXpedition to Albania: HA0NNN and HA0MM will start their one-month operation the weekend of Aug. 2-4. All traditional bands, CW and SSB, and perhaps RTTY. They have visas and equipment import licenses in hand, and the necessary transmitting licenses have been promised on arrival. Exact operating frequencies will depend on interference to/from Radio Tirana. They will use computer logging, and duplicate contacts (same band and mode) may **not** be confirmed. QSLs, and contributions **after** they get on the air, go to the sponsoring (and licensed) organization: Quick Aid, Box 5, Komoro 4622, Hungary.

Annobon - 3C0 The Spanish team reports that their 3C0CW operation Aug. 4-17 will favor 14140 and 14260 kHz.

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

Desecheo - KP5 KP2A and four other DXers will operate as KP2A/KP5 Aug. 23-Sept. 2, on all bands, including the new bands, CW and SSB. QSLs, and donations, go to Howard Messing WA2NHA, 90 Nellis Dr., Wayne NJ 07470.

Oblasts UZ6AZF, UA6BGB and UA6HPR will operate from three Tadzhikistan Oblasts to Aug. 18. They'll be UJ8S (Obl 041), /UJ8J (Obl 040), and /UJ8R (Obl 042). QSL direct only to home calls: Box 1, Ust-Labinsk 352300 USSR for the first two, and Box 999, Stavropol 355044 USSR for UA6HPR. A pennant is available for making two contacts. US\$5 to UA6BGB. Oblast 090 will be active Aug. 19-24, by UA70XWG/H/N/T/V/W and UA70XYN. QSLs go to Komi SSR QSL bureau, Box 1247, 167001 Syktyvkar USSR, or direct to operators' home calls.

Shortly Noted

- **CN12DKH** will be the call of French DX Foundation team Aug. 13-18. Operators include CN8MK, CN8ST, CN8VV/F6EEM, and CN8YP/F6FYP. They'll be on all bands and modes for a site near the Mauritania border. QSL FDXF. (DXNS.)
- **HG32JP** is a special call celebrating the visit of the Pope to Hungary, around Aug. 20. QSL to HA3RD.
- **Black Sea Islands:** A Soviet team will activate several islands in the Black Sea Aug. 1-20, as follows: **RY8ZI** Zmeiny Is., **RY8BI** Berezan Is., **RY8DI** Decarybgach Is., and **RY8TI** Tendra Is. All bands, CW and SSB. QSL to RB5HT.
- **3W4DK** is Slava UA3DK. Try 7002-5 11-1300Z. He'll be there a few weeks, and is investigating a Spratly trip.
- **North Pole:** Paul McCorkle KA0YMK will operate from a Soviet vessel passing over the North Pole, around Aug. 8. He'll try 14340 kHz at 0500Z and 21410 kHz at 0100Z.
- **6K17WJ** and **6K91WJ** will be active Aug. 8-16 from the World Scout Jamboree in Korea. Various HL0 club stations will also be active. Awards are available; details for an SASE to The DX Bulletin.
- **5W1CQ** is the Western Samoa callsign of Ron Wright ZL1AMO. Try 14025 kHz at 0530Z, 18070 03Z, 21026 0330Z, 21305± 04Z, and 14250 at 1300Z. QSL ZL1AMO.
- **VQ9QM**, operated by, and QSLed via, W4QM, is due back soon.
- **8Q7CO** by IX1BZO is due on Aug. 7-21. Mostly SSB on 1845, 3640, 7040, 10105, 14140, 18140, 21240, 24940, and 28440 kHz. QSL home call. (Japan DX News.)
- **OH2BH/EA8** is shutting down soon, contrary to the information in Issue 598.
- **GB4RAF** will be active from the Valley RAF station in North Wales Aug. 17. (Practical Wirelless.)
- **3B8CF/3B6** operation has been postponed, according to the latest in the flood of conflicting news from Mauritius.
- The **DXCC backlog** is down to two months. As of July 20, the DXCC desk was working on endorsements received May 29. They should be caught up by next month.
- **3A/G0FUN/M** will be active on 28025 kHz Aug. 17-18, by Bruce G4WVX and Ivan G0BON. (DXNS.)
- **SSB Net news:** The **Latin American DX Net** meets on 14143 kHz at 2130Z, and weekends on 14243 kHz at 1130Z. Check-ins: **7159 kHz:** VP8CFM; **14160:** TA4A 7X5VRK; **14227:** HP1ZWU H44CW V63WP KG4DD P29BT 3D2AA 5W1IU 9M8FH; **14240 (10Z)** A3KB WB5STV/V63; **14256:** ST0DX ZK1CQ ZC4JJ; **21335:** HK0OEP.
- **RTTY report:** **UL7MU** is often on 14086 kHz at 0100Z. Some active stations: **Z21DC** 21086 1450Z; **UC2OCJ** 14083 1700Z; **3B9FR** 14090 0330Z; **4S7RM** 14085 1240Z; **EA9MY** 14083 1610Z; **TU2BB** 14074 ARQ 0810Z; **P29BT** 14087 1030Z; **HZ1AB** 21080 ARQ 1700Z; **5V7DP** 21078 1840Z; **ZD9BV** 21088 1850Z; **TR8JH** 14089 2100Z; **VQ9SS** 14073 0210Z; **FK8BK** 14068 ARQ 1240Z.

Propagation

Forecast and Historical Data

Day Forecast	27 Days Before	55 Days Before
August 1991	Date Flux A K	Date Flux A K
02 Above Normal	07/06 233 06/08 2	06/08 243 18/26 4
03 High Normal	07/07 219 06/10 2	06/09 238 35/44 4
04 Disturbed	07/08 204 36/46 6	06/10 239 70/78 6
05 Disturbed	07/09 194 41/85 3	06/11 236 78/76 3
06 Low Normal	07/10 194 21/27 2	06/12 230 47/53 5
07 Low Normal	07/11 196 17/22 3	06/13 218 88/94 7
08 Low Normal	07/12 203 19/23 3	06/14 201 11/13 2
09 Disturbed	07/13 196 73/98 5	06/15 197 13/15 2
10 Disturbed	07/14 189 37/61 3	06/16 185 04/08 2
11 High Normal	07/15 186 12/15 2	06/17 177 37/45 6
12 Low Normal	07/16 167 16/19 4	06/18 173 19/28 3
13 Disturbed	07/17 159 25/37 3	06/19 175 21/28 3
14 Low Normal	07/18 189 17/20 3	06/20 166 12/14 3
15 Low Normal	07/19 178 24/32 5	06/21 170 21/23 3

Propagation Watch

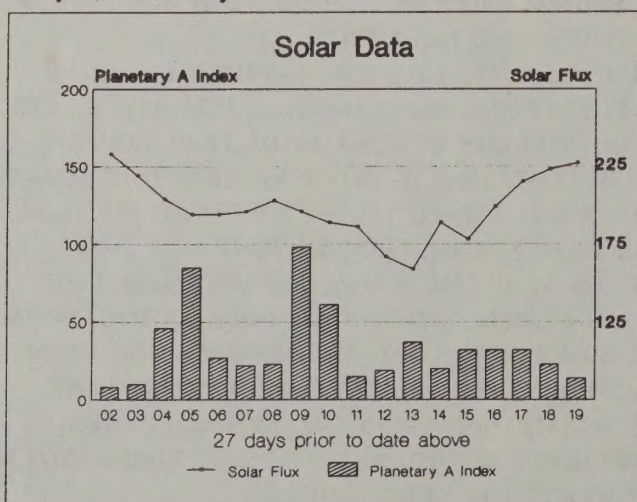
The bands have finally settled down after the severe disruption that began June 1. Flare production on the sun has dropped to low levels, and the geomagnetic activity has, in turn, eased. The result has been good summertime DXing.

The persistent DXer will find some rather weak signals on 10 and 12 meters, mostly on north-south paths: Africa, South America, South Pacific. 15 meters has been opening early in the morning, local time, often with good signals. This will be a good place to look for DX during daylight hours. 17 meters is also open most of the day, with best signals near local dawn and sunset.

The 20-meter long path around local dawn remains one of the most consistent, and productive, DX openings of the day. With stable geomagnetic conditions in the polar latitudes, the long path is open directly over the North Pole in the morning. This means signal strengths are higher than on the skew paths around the polar regions. 20 is also open into the early evening, and often stays open late into the night.

30 and 40 meters provide some DX, especially in the late evening, and before local dawn.

Look for these conditions to continue, or even improve, in the absence for major flares. The magnetically complex sunspots that threatened DX last week have stabilized or decayed, so we may be over the worst of the solar storms.



Islands On The Air

- **Barter Island - NA-050:** Glenn K6NA will be /KL7 until August 7, primarily on 14025 CW. QSL home call.
- **Vestman Island - EU-071:** DL2SCQ/TF7 will be on Aug. 1-7. QSL home call.
- **St. Tudwal's Island - EU-106:** G3ZAY, G0HSD, and others will operate as GC6UW/p on August 3, weather permitting. Try the usual IOTA frequencies: 14260, 21260, and 28460 kHz.
- **Usedom Island - EU-129:** SP6TPM and SP6OUJ will operate here August 16-18, as well as from:
- **Wolin Island - EU-132.**
- **Little Diomedede Island - NA-150:** KL7/EK250RA will be active August 4-10.
- **Tokchok Island - AS-???** Some Korean IOTA enthusiasts are shooting for an operation Aug. 3-7, signing HL0HQ/2 on all bands.
- **Some spots:**
 - 4K4/UA9KW (AS-089) 14025 0340Z; QSL UA9KI
 - KL7AF (NA-019) 18069 0110Z
 - SV8/OZ1LGF (EU-052) 21006 1830Z
 - EJ4E (EU-121) 21015 2235Z
 - GW00NY (EU-124) 21260 2340Z; QSL GW4WJO
 - IE9/I1SNW (EU-051) 21259 2315Z; QSL I1SNW
 - GM3POI (EU-009) 14256 0045Z
 - IG9/IT9FTP (AF-019) 14260 2210Z; QSL IT9VQC

Notes From All Over

- The All Asian SSB test is the first weekend in September, Sept. 7-8, 1991, not the fourth weekend as erroneously printed previously.
- A new IRC, issued from January 1, 1991, is valid for 'minimum postage for ...an unregistered letter sent by air to a foreign country' (emphasis added). Previous editions of the IRC were exchangeable for surface postage. This means that new IRCs are worth US\$0.50 at US post offices. Also, DX stations or QSL managers who demand more than one new IRC for airmail return are requiring a 'tip' in addition to postage costs. (Thanks Five Nine Magazine.)
- AA6EE is closing out the 1991 Callbooks for \$24.50 for either the North American or the International editions. The summer Supplement is \$10.50. The 1991 ARRL Antenna Book is \$18.50, all postpaid in the US. (California orders add 8.25% tax.) Send check to Duane Heise AA6EE, 16832 Whirlwind, Ramona CA 92065.
- The Y2-Y9 callsign block will soon be returned to the International Telecommunications Union (ITU) for reassignment, as former East German licenses receive DL prefixes. (Thanks ARRL Letter.)
- Dave Siddall K3ZJ is the new Chief of the Frequency Allocation Branch of the FCC's Office of Engineering and Technology. Dave is an active contester, and is the Roanoke Division's Contest Advisory Committee representative. (Thanks ARRL Letter.)
- Malaysia is developing a tourist resort on Swallow Reef, an atoll in the Spratly Islands. The bird watching, fishing, and diving are reported to be very good. The trip from Kota Kinabalu on the Malaysian mainland takes 1½ hours by helicopter, or 16 hours by boat. Who'll be the first DXer to operate from Swallow?

B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17

RTTY

3B9FR	14089	0315	23	CA
4S7RM *	14090	1120	27	FL
4U1UN	14099	0841	20	OH
EA9MY	14084	2358	27	FL
EP2ASZ	14082	2245	20	CA
KH3/	14084	0710	21	CA
KE2AA				
UL7MU	14087	0050	21	CA
UZ9CWA	14082	0235	24	CA
V44KAE	14088	2331	21	OH
V47RF	14088	2332	21	OH
V51DF	21085	2030	16	MN

80 Meters

CX4SS	3507	0019	17	MD
LU5HDJ	3508	0035	17	MD

75 Meters

JA1JRK	3799	1010	15	MD
XQ6ET	3791	0227	15	MD

40 Meters

3W3DK	7005	1230	21	WA
7Q7JH	7006	0435	20	SC
HS0AC	7007	1209	21	WA
TK/	7010	0210	18	IA
DL7HZ				
TL8FD	7002	0259	26	MI
Z21HS	7012	0231	21	MI

30 Meters

4K1B	10103	1034	27	FL
CO2MA	10101	0212	16	KS
FP5DX	10102	0205	20	AL
HR1LW	10103	1150	21	CT
JY6ZZ	10101	0335	22	NY
PZ1DV *	10106	1046	20	CT
VE2EDK	10110	0058	17	VA
ZL2AGY	10106	0918	21	NY
ZP6CW	10102	2354	20	VA

20 Meter CW

3B8CF	14030	0355	15	IL
3B8FG	14020	0256	26	MN
3B8FG *	14020	1201	24	MN
3B9FR *	14029	1200	16	PA
3DA0BK *	14020	1320	20	CA
3V8RL	14003	2330	18	GA
4K1A	14004	1220	18	CO
4K1B	14005	0758	16	WI
4K1B	14006	1027	19	NH
4K2OIL	14029	0306	25	UT
4K2OIL	14002	2114	21	FL
4K2PGO	14027	0130	20	GA
4K2POL	14031	1420	16	WA
4L1NV	14006	1520	19	NH
4S7CF	14027	1056	27	FL
4S7EF *	14029	1217	25	MN
4S7NE	14002	2352	19	MI
4S7WP	14020	1133	21	NH
4S7WP	14032	2315	20	GA
4U1UN	14033	0103	20	AL
5W1CW	14026	0539	22	UT
7Q7JH	14022	0353	20	SC
7Q7LA *	14020	1310	19	CA

7X2CR	14004	0009	23	NY
8R1J	14022	0116	14	IL
9L1US	14027	2358	7	PA
9M2AX *	14028	1030	6	PA
9M2FK *	14020	1052	6	PA
9M2ZA *	14037	1115	20	CT
9V1JY	14030	1038	19	NH
9V1JY	14015	1405	22	MN
BV2CE	14003	1150	19	IA
BV2NB	14034	1408	23	CO
BV2TA	14010	1237	18	CO
CP8AL	14039	2357	20	OH
DU3/	14025	1240	16	CO
K4SXT				

EA6AAK	14025	0145	19	CA
EK9Z	14015	1415	19	MN
ES1AO	14016	1230	16	NH
ES5DE	14022	0111	23	FL
ES7R/0	14018	0647	25	CA
EX7F	14008	0152	25	FL
FH5EL *	14002	1257	21	FL
FJ/FG5ED	14009	0255	21	AZ
FK8FG	14020	0614	20	IL
FR5BT *	14040	1350	19	CA
FR5DD *	14034	1219	25	MN
FR5FA *	14030	1204	22	MN
FT4WC	14017	1206	20	AL
HC5AI	14011	1148	17	NH
HI8A	14004	0600	19	UT
HS0AC	14025	1016	21	NH
HS0D	14003	1024	19	NH
HS1BV *	14003	1058	6	PA
J28FO	14010	0333	21	AL
JT1BH	14013	1227	18	CO
KH3/	14012	0905	19	CA
KB6VUP				

LZ3DX	14002	0131	19	MO
LZ3RM	14027	0200	18	GA
P29DK	14012	1240	19	MO
R9EF	14037	0218	19	GA
RH0E	14017	0140	20	GA
RI1OA	14008	0103	24	FL
SU1HV	14005	0113	21	FL
SV0CJ/5	14005	2320	20	OH
SV1AEU/5	14004	0356	22	ID
T77C	14022	2337	20	OH
TK0KP	14029	0251	21	WA
TL8FD	14024	0349	13	MA
TL8FD	14021	2234	19	MN
TU2MA	14036	0104	24	MN
UA8TAA	14028	1251	22	CO
UF6FIM	14034	2359	20	GA
UF6FWR	14004	0114	22	OH
UF6QBA	14035	0318	25	UT
UF7FWR	14018	0035	22	FL
UG6JJ	14022	0315	12	MA
UL7MU	14032	0152	21	FL
UL8AWL	14005	0119	27	FL
UM8NU	14013	0110	24	FL
UN0/	14006	0050	27	FL
4K4QQ				

UT0N	14045	0140	16	GA
UT5RP	14089	0137	27	FL
V27T	14037	0330	21	CA
V63GD	14002	1253	25	CA
V85FC	14003	1615	22	MN
VE2DWU	14018	2227	17	GA
VE2EDK	14003	1135	18	AL
VP8GAV	14020	1256	25	CA
VQ9JT	14031	1245	17	IA
VU2LX *	14021	1242	21	MN
VU2NI	14030	0120	17	MI

VU2NI *	14007	1139	21	FL
VU2NTA *	14002	1219	22	MN
VZ7T	14027	0037	14	OH
XU1NQ	14020	1420	18	WA
Y90SOP	14011	1032	19	NH
YN1CC	14004	1248	18	OH
Z21HS	14017	2108	21	FL
ZD8SE	14026	2352	19	MN
ZD8VJ	14026	1941	8	NY
ZP6CW	14027	1138	19	NH
ZP8SE	14025	0008	20	MI

20 Meter SSB

3B8FU *	14191	1322	22	CA
3DA0BX	14170	1313	20	CO
4K2OIL	14226	2256	22	WI
4S7NS	14190	1210	17	IA
4S7RO	14193	1135	17	IA
4S7VK *	14193	1138	17	MA
5N9FEA	14206	1858	18	MA
5W1CW	14252	1257	23	FL
5Z4BH *	14168	1348	21	CA
5Z4BI	14150	2213	20	NH
7P8EB	14215	1425	23	CA
7Q7MM *	14199	1150	19	IL
7X2LZ	14243	0219	20	CT
7X5VRK	14160	0014	18	MA
8R1MV	14160	0201	21	CA
9K2JH	14237	0244	20	CT
9K2SH	14290	0040	17	MA
9L1US	14202	2353	9	WI
9V1XQ *	14190	1050	6	PA
9V1YQ	14176	1430	24	CA
A35KB	14222	0425	19	WA
A41JW	14172	0106	16	GA
A41KJ *	14190	1334	23	CA
BY5TS	14186	1350	18	IA
C6AFW	14226	2134	19	FL
C9RTC	14175	1235	20	IA
CE0LJI	14204	0406	19	WA
CN8GT	14205	0001	18	MA
EA9IB	14172	2343	20	NH
EA9RY	14172	2343	20	NH
FK8FI	14202	1257	20	MN
FK8FR	14172	1131	17	MA
FO4DL	14171	0629	20	IL
FP5DX	14242	0250	16	GA
HK0TCN	14155	0616	19	WI
HS1CHB	14180	1430	19	CA
HZ1AB *	14165	1420	21	MA
JT1BG	14195	1425	16	WA
JT1CS	14196	1333	22	WA
OD5RA	14235	0310	21	CA
OD5ZZ	14261	0247	21	FL
P29DK	14189	1250	21	IL
RO5OO	14197	2225	20	NH
ST0DX	14197	2218	19	NH
T32Z	14215	0858	18	WI
TA5C	14191	0209	21	WA
TAB8	14167	0105	16	GA
TJ1FN	14245	2054	13	MA
UL7JGJ	14150	2358	20	NH
V85IR	14165	2232	20	NH
VK0KC	14190	1330	17	CA
VQ9AB *	14178	1132	17	MA
VQ9KA	14212	1325	19	IA
VS6VO	14199	1423	16	WA
VS6VV	14195	1248	19	CO
VU2LZ *	14185	1136	17	MA
VU2SCU	14164	1935	22	MA
ZC4RAF	14167	2005	18	MA

17 Meter CW

4K1D	18074	1111	27	FL
4K2PGO	18074	0021	24	FL
4K2PGO	18071	1236	15	CT
4U1UN	18075	0154	20	SC
5W1CW	18076	0305	22	SC
6V1A	18071	2050	20	NY
CO2VG	18075	0445	18	SC
HC5AI	18075	0840	26	NJ
HR1LW	18080	1147	22	NY
KH3AE	18080	0225	21	SC
KL7CYL	18072	1751	19	NY
LY2BR	18072	2113	26	FL
PJ8AD	18070	1133	22	NY
UA3DBM	18076	0206	25	CA
UD6DKW	18073	0603	25	CA
ZD8WD	18076	2121	18	MO
ZL8WB	18081	2050	25	NJ
ZP6CW	18071	2147	10	VA

17 Meter SSB

FO0IGS	18132	0850	25	NJ
HC8GR	18123	2355	22	CT
VP9HE	18132	2351	21	OH

15 Meter CW

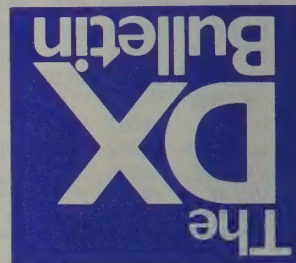
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4S7WP	21016	2050	21	FL
5B4ADA	21010	1900	27	FL
5W1CW	21027	0320	24	UT
7X2CR	21005	1914	27	FL
9L1US	21026	1528	21	MN
9X5HG	21035	2043	22	CO
ES7R/0	21032	1354	27	FL
FJ/FG5ED	21006	2031	21	IL
FP5DX	21016	2159	26	FL
FY5YE	21040	1600	6	NY
PZ1DY	21021	1852	27	FL
SU1HV	21018	0052	26	MN
SU1HV	21007	1604	21	FL
TL8FD	21026	2038	24	CA
TR8GL	21030	1605	5	NY
UL7LG	21028	1622	6	NY
V85AA	21003	1715	27	FL
VE2EDK	14003	1134	18	NH
ZD8LII	21015	1915	17	GA

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Issue 599 - August 2, 1991

Current and Future DXpeditions

(Changes and hot info in boldface.)

<u>DXCC Country</u>	<u>Prefix Callsign</u>	<u>Dates</u>	<u>Issue</u>
Aland Island	OH0 OH0BDA	July 29-Aug. 11	1598
Albania	ZA ZA2QA	Aug. 2-Sept.	1599
Andorra	C3 C30EJA	July-Aug.	1594
Anguilla	VP2EBN	Aug. 6-12	1597
Annobon	3C0 3C0CW	Aug. 4-17	1599
Brunei	V8 V85OM/XYL	Aug. 5-12	1596
Central African Rep.	TL8FD	Now-Aug. 15	1590
Corsica	TK/ F6JMY I4FYF	July 15-Sept. Aug. 6-20	1594 1598
Desecheo	KP5 KP2A/KP5	Aug. 23-Sept. 2	1599
East Malaysia	9M 9M6OO/BQ	Aug. 12-20	1596
Ecuador	HC HC1MD	August	1597
Faroe Islands	OY/ LA4LN, LA1SP	Aug. 2-5	1595
Hawaii	KH6/K6ICS	July 30-Aug. 23	1597
Hong Kong	VS6/ N2OO, KF2BQ	Aug. 24-30	1596
Kumpuchea	XU XU1NQ	to Aug. 14	1598
Leichtenstein	HB0/FD1OQJ/K	Aug. 3-10	1597
Maldives	8Q 8Q7CO	Aug. 7-21	1599
Monaco	3A/G0FUN/A	Aug. 17-18	1599
Morocco	CN CN12DKH	Aug. 13-18	1599
Mozambique	C9 C9RTC	Now-Sept.	1598
Oblasts	UJ8S/J/R UA-X 090	to Aug. 18 Aug. 19-24	1599 1599
St. Brandon	3B7 3B7CF	Postponed?	1599
St. Paul Island	CY9 CY9CWI	Aug. 2-6	1594
St. Pierre & Miquelon	FP/NT1M WO1G	Aug. 1-7	1596
South Cook Islands	ZK1??	Aug. 18-25	1594
Togo	5V/F2JD	July 15-Dec.	1596
Tonga	A3 A35?? A35IM, etc.	July 30-Aug. 11 Aug. 10-15	1594 1597
Western Samoa	5W 5W1CQ	Now	1599

Operating Events and DX Gatherings

<u>Dates</u>	<u>Event</u>	<u>Reference:</u>
Aug. 10-11	Worked All Europe CW	<u>CO</u>
Aug. 17-18	SARTG RTTY Test	<u>CO</u>
Aug. 17-18	SEANET SSB Test	<u>CO</u>
Sept. 7	W9DXCC Convention	<u>1593</u>

Resident Amateurs on Regularly

<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
■ Algeria	7X2LZ	20M SSB	0200Z
■ Antarctica	4K1B	14006	1030Z
■ Antarctica	4K1A	14004	1220Z
■ Chagos	VQ9KA	14212	1330Z Fri.
■ Crozet Island	FT4WC	14030±	12-1300Z
■ Egypt	SU1HV	14006	0115Z
■ Franz Josef Land	4K2PGO	14026	0130Z
■ Franz Josef Land	4K2OIL	14025±	0300Z
■ Franz Josef Land	4K2PGO	18070	1230Z
■ Georgia	UF7FWW	14010	0030Z
■ Guyana	8R1J	14020±	0115Z
■ India	VU2NTA	14004	1220Z Mon.
■ Malaysia	9M2AX	14029	1030Z Sat.
■ Mongolia	JT1CS	14194	1330Z
■ Oman	A41KJ	14180±	1330Z
■ Papua-New Guinea	P29DK	14011/14180±	1245Z
■ Paraguay	ZP6CW	10101	0000Z
■ Paraguay	ZP6CW	18072	2200Z
■ Reunion Island	FR5FA	14030±	12-1400Z
■ Reunion Island	FR5DD	20M CW	1220Z
■ Rodriguez Island	3B9FR	14029	1200Z
■ Rwanda	9X5HG	21033±	2100Z
■ Singapore	9V1JY	14020	1400Z
■ Southern Sudan	ST0DX	14200±	2200Z
■ Sri Lanka	4S7WP	20M CW	2315/1130Z
■ Swaziland	3DA0BK	14019	1320Z
■ Thailand	HS0AC	20M CW	10-1300Z
■ Thailand	HS0D	14003	1030Z

Contributors

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